

Application/Control Number: 10/729,225

Art Unit: 3661

COMPRESSING LOCATION DATA OF MOVING OBJECTS

Abstract

Provides methods, apparatus and system for compressing large number of continuous location data of moving objects. A large number of continuous location data of moving objects sent from a mobile unit or a locating device are received, these location data are compressed and inserted the compressed location data into a database, so as to solve the problem that the data can not work under a high insertion frequency, and reduce the storage space of continuous locations while maintaining certain location query precision. An example apparatus for compressing the location data of moving objects, comprises: input interface for receiving current location data of a moving continuously; data compressing unit [[means]] for compressing the location data received via said input interface; and output interface for outputting compressed location data of the moving data.